

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| L1 | 1506 | (human or sing\$3 or vocal\$2 or voice or sung or choral\$2) with (classif\$7 or type or caterogy or group\$4) same (frequency near6 vibrat\$3 or (waveform or spectral or spectrum) near5 peak) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 09:16 |
| L2 | 369 | (music\$4 or song or audio or sound or acoustic) same (human or sing\$3 or vocal\$2 or voice or sung or choral\$2) with (classif\$7 or type or caterogy or group\$4) same (frequency near6 vibrat\$3 or (waveform or spectral or spectrum) near5 peak) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 08:59 |
| L3 | 194 | (music\$4 or song or audio) same (human or sing\$3 or vocal\$2 or voice or sung or choral\$2) with (classif\$7 or type or caterogy or group\$4) same (frequency near6 vibrat\$3 or (waveform or spectral or spectrum) near5 peak) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 09:12 |
| L4 | 3 | ((music\$4 or song or audio) same (human or sing\$3 or vocal\$2 or voice or sung or choral\$2) with (classif\$7 or type or caterogy or group\$4) same (frequency near6 vibrat\$3 or (waveform or spectral or spectrum) near5 peak)).clm. | US-PGPUB | OR | ON | 2007/01/25 09:13 |
| L5 | 2 | ((melodic) same (human or sing\$3 or vocal\$2 or voice or sung or choral\$2) with (classif\$7 or type or caterogy or group\$4) same (frequency near6 vibrat\$3 or (waveform or spectral or spectrum) near5 peak)).clm. | US-PGPUB | OR | ON | 2007/01/25 09:13 |
| L6 | 2 | ((melodic) same (human or sing\$3 or vocal\$2 or voice or sung or choral\$2) with (classif\$7 or type or caterogy or group\$4) same (frequency near6 vibrat\$3 or (waveform or spectral or spectrum) near5 peak)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 09:13 |
| L7 | 6668 | (84/600,616,623;707/104.1,245, 246,255,231,247,243,233,251,257, 250;379/67).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/25 09:15 |

EAST Search History

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|-----|------|---|--|----|-----|------------------|
| L8 | 28 | 7 and (human near3 sing\$3 or vocal\$2 or voice or sung or choral\$2) with (classif\$7 or caterogy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 09:19 |
| L9 | 2489 | (704/243,245,246,351,255,231). ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/25 09:18 |
| L10 | 87 | 9 and (human near3 sing\$3 or vocal\$2 or voice or sung or choral\$2) with (classif\$7 or caterogy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 09:19 |
| S1 | 1500 | 84/609,615.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/02 14:39 |
| S6 | 2243 | (computer\$4 or automatic\$4 or electronic\$4) near5 (classif\$7 or categor\$8 or catalog\$4 or sort\$4) and (music\$2 or (audio adj files)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/01 13:47 |
| S7 | 156 | "84"/\$.ccls. and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 14:53 |
| S8 | 474 | (computer\$4 or automatic\$4 or electronic\$4) near5 (classif\$7 or categor\$8 or catalog\$4 or sort\$4) same (music\$2 or (audio adj files)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 14:54 |
| S9 | 122 | "84"/\$.ccls. and S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 14:54 |
| S10 | 2 | ("6185527" "6201176").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/04 15:17 |

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| S11 | 8 | ("5235126" "5461192" "5495072" "5495073" "5587546" "5670730" "5679913" "5693902").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/04 15:13 |
| S12 | 10 | S9 and ((music\$2 near3 instrument\$2) with (human or singing or song\$1 or vocal)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/10/10 13:36 |
| S13 | 14 | S8 and ((music\$2 near3 instrument\$2) with (human or singing or song\$1 or vocal)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/04 15:24 |
| S14 | 2 | S8 and ((label\$3 or indexing) with (music near5 piece\$1)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/04 15:26 |
| S15 | 68 | ((label\$3 or indexing) with (music near5 piece\$1)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/04 15:26 |
| S16 | 3 | S6 and S15 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/04 15:26 |
| S17 | 9 | S8 and ((label\$3 or indexing) with ((music near5 piece\$1) or (audio adj file\$1))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/04 15:31 |
| S18 | 114 | ((label\$3) with ((music near5 piece\$1) or (audio adj file\$1))) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/04 15:36 |
| S19 | 3 | S8 and S18 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/04 15:33 |
| S20 | 11 | S6 and S18 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/04 15:34 |
| S21 | 3771 | (classif\$7 or categor\$8 or catalog\$4 or sort\$4 or indexing) with (music\$2 or (audio adj files)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 14:12 |
| S22 | 37 | S18 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 15:45 |
| S23 | 94 | S21 and (hierarch\$4 with (order or cateror\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 15:56 |

EAST Search History

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| S24 | 1 | S23 and (labeled adj (music\$2 or audio) with (writ\$4 or stor\$3) with (library or database or storage)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 15:48 |
| S25 | 1 | S23 and (labeled adj (music\$2 or audio) with (writ\$4 or stor\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 15:49 |
| S26 | 1 | S23 and ((labeled or indexed) adj (music\$2 or audio) with (writ\$4 or stor\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 15:49 |
| S27 | 29 | ((labeled or indexed) adj (music\$2 or audio) with (writ\$4 or stor\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 15:49 |
| S28 | 35 | S21 and (hierarch\$4 with (order or cateror\$3)) and (label\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/04 16:08 |
| S29 | 2 | "5952598".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 08:39 |
| S30 | 2 | "6476308".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 14:04 |
| S31 | 4 | (chorus with solo with (spectral or spectrum or frequency)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 14:09 |

EAST Search History

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| S32 | 9 | (chorus with solo) same (spectral or spectrum or frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 14:17 |
| S33 | 7 | "321" and (chorus with solo) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 14:12 |
| S34 | 3785 | (classif\$7 or categor\$8 or catalog\$4 or sort\$4 or indexing) with (music\$2 or (audio adj files)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 14:30 |
| S35 | 32 | S34 and (chorus with solo) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 14:13 |
| S36 | 13 | (chorus with solo) same (spectral or spectrum or frequency or peak or pitch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 15:31 |
| S37 | 55 | S34 and (symphony) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 14:28 |
| S38 | 10 | S34 and (symphonies) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 14:28 |
| S39 | 52 | (classif\$7 or categor\$8 or catalog\$4 or sort\$4 or indexing) same(symphon\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 14:31 |

EAST Search History

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| S40 | 1 | (chorus with solo) same (spectrogram) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 15:30 |
| S41 | 2 | "6185527" .pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/05 15:30 |
| S42 | 2 | chorus with solo with spectr\$7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 09:59 |
| S43 | 2 | "6476308".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 10:07 |
| S44 | 4696 | (84/600,616,623;707/104.1,245, 246,255,231,247,243,233,251,257, 250;379/67).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/02 14:41 |
| S45 | 201 | "321" and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 10:11 |
| S46 | 3785 | (classif\$7 or categor\$8 or catalog\$4 or sort\$4 or indexing) with (music\$2 or (audio adj files)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 10:11 |
| S47 | 130 | S46 and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/09 10:11 |

EAST Search History

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| S48 | 17 | (classif\$7 or categor\$8 or catalog\$4 or sort\$4) with symphon\$3 and (music\$2 or (audio adj files)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/10 16:25 |
| S49 | 9906 | (human or singing or song\$1 or vocal) with (determin\$3 or identify\$3 or detect\$3 or judg\$5) same (waveform or spectrum or spectral or frequency) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/10 13:50 |
| S50 | 3730 | (human or singing or song\$1 or vocal) with (determin\$3 or identify\$3 or detect\$3 or judg\$5) same (waveform or spectrum or spectral) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/10 13:39 |
| S51 | 56957 | "84"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/10 13:39 |
| S52 | 103 | S50 and S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/10 13:41 |
| S53 | 4 | S52 and (human near4 singing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/10 13:42 |
| S54 | 15 | human with (vowel or speaking or singing or song\$1 or vocal) with (determin\$3 or identify\$3 or detect\$3 or judg\$5) same (waveform) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/10 13:56 |
| S55 | 290 | (human or singer) with (vowel or speaking or singing or song\$1 or vocal or voice or sound\$1) with (determin\$3 or identify\$3 or detect\$3 or judg\$5) same (waveform or analysis) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/10 14:05 |

EAST Search History

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|-----|------|---|---|----|-----|------------------|
| S56 | 164 | S55 and waveform | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/10 14:05 |
| S57 | 33 | S55 and waveform with analysis | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/11 09:57 |
| S58 | 25 | S51 and S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/10 14:06 |
| S59 | 1531 | 84/609,615.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/10/11 09:55 |
| S60 | 5172 | (84/600,616,623;707/104.1,245, 246,255,231,247,243,233,251,257, 250;379/67).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/25 09:15 |
| S61 | 26 | S60 and waveform with analysis | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/11 09:57 |
| S62 | 348 | S60 and waveform | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/11 09:57 |
| S63 | 180 | S62 and (classification or human or vocal or voice or singing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/11 09:58 |

EAST Search History

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|-----|------|--|---|----|-----|------------------|
| S64 | 1563 | 84/609,615.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/24 16:28 |
| S65 | 2889 | (computer\$4 or automatic\$4 or electronic\$4) near5 (classif\$7 or categor\$8 or catalog\$4 or sort\$4) and (music\$2 or (audio adj files)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:48 |
| S66 | 47 | S64 and S65 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/01 13:48 |
| S67 | 1039 | waveform same music\$2 same (song or human or sing\$3 or speech or chorus) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 14:47 |
| S68 | 25 | waveform with analy\$4 same music\$2 same (song or human or sing\$3 or chorus) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/01 14:58 |
| S69 | 29 | waveform with analy\$4 same music\$2 same (speech) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 08:41 |
| S70 | 34 | spectrogram with analy\$4 same (music\$2 or audio or sound) same (speech or human or singing or vocal or song) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 09:56 |
| S71 | 185 | spectrogram same (music\$2 or audio or sound or acoustic\$4) same (speech or human or singing or vocal) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 10:13 |
| S72 | 138 | spectrogram same (music\$2 or audio or sound or acoustic\$4) with (speech or human or singing or vocal) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 09:58 |
| S73 | 38 | spectrogram same (music\$2 or audio or sound or acoustic\$4) with (human) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 09:58 |
| S74 | 25 | spectrographic same (music\$2 or audio or sound or acoustic\$4) with (speech or human or singing or vocal) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/02 10:14 |
| S75 | 5 | spectrographic same (music\$2) same (speech or human or singing or vocal) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/03 09:37 |

EAST Search History

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| S76 | 7 | (("4015087") or ("6205422") or ("6434520")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/02 11:16 |
| S77 | 2 | "20020147728" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/02 11:16 |
| S78 | 710 | (waveform or spectrographic or spectrogram or amplitude near4 time or energy near4 time) same (music\$2 or audio or sound or ensemble or orchestra) same (singing or vocal or choral) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:28 |
| S79 | 684 | (waveform or spectrographic or spectrogram or amplitude near4 time) same (music\$2 or audio or sound or ensemble or orchestra) same (singing or vocal or choral) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 09:51 |
| S80 | 498 | (waveform or spectrographic or spectrogram or amplitude near4 time) same (music\$2 or audio or sound or ensemble or orchestra) with (singing or vocal or choral) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 09:51 |
| S81 | 81 | (waveform or spectrographic or spectrogram or amplitude near4 time) same (music\$2 or audio or sound or ensemble or orchestra) with (singing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 09:55 |
| S82 | 50 | (waveform or spectrographic or spectrogram or amplitude near4 time) with (music\$2 or audio or sound or ensemble or orchestra) with (singing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 10:45 |
| S83 | 12 | ("5712437").URPN. | USPAT | OR | OFF | 2006/03/03 10:02 |
| S84 | 1 | S83 and (waveform same singing) | USPAT | OR | OFF | 2006/03/03 10:02 |
| S85 | 7 | ("5349130").URPN. | USPAT | OR | OFF | 2006/03/03 10:19 |
| S86 | 0 | S85 and (waveform same singing) | USPAT | OR | OFF | 2006/03/03 10:19 |
| S87 | 2 | S85 and (waveform and singing) | USPAT | OR | OFF | 2006/03/03 10:19 |

EAST Search History

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| S88 | 16 | (waveform or spectrographic or spectrogram or amplitude) with (musical with singing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:10 |
| S89 | 38 | (waveform or spectrographic or spectrogram or amplitude) same (musical with singing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 10:39 |
| S90 | 40 | (waveform) same (musical same singing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 10:40 |
| S91 | 96 | (waveform) same (music\$2 or audio or sound or ensemble or orchestra) same (singing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 10:48 |
| S92 | 157 | (waveform) same (music\$2 or audio or sound or ensemble or orchestra) with (singing or chorus) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 10:49 |
| S93 | 88 | (waveform with (analy\$4 or display or signal or input or change)) same (music\$2 or audio or sound or ensemble or orchestra) with (singing or chorus) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 10:51 |
| S94 | 88 | (waveform with (analy\$4 or display\$3 or signal or input or change)) same (music\$2 or audio or sound or ensemble or orchestra) with (singing or chorus) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 10:51 |
| S95 | 11 | (waveform or spectrographic or spectrogram or amplitude) with (instrument\$2 with singing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:27 |

EAST Search History

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|------|-------|--|---|----|----|------------------|
| S96 | 65362 | detect\$3 near3 sing\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:29 |
| S97 | 3101 | (waveform or spectrographic or spectrogram or amplitude or energy) same (music\$2 or audio or acoustic or sound or ensemble or orchestra) and S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:29 |
| S98 | 755 | (waveform) same (music\$2 or audio or acoustic or sound or ensemble or orchestra) and S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:29 |
| S99 | 83 | (waveform) same (music\$2 or audio or acoustic or sound or ensemble or orchestra) same S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:33 |
| S100 | 395 | detect\$3 near3 (sing or singing or sung) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:30 |
| S101 | 1162 | (detect\$3 or determin\$3 or separat\$3 or identify\$3 or classify\$3 or classification or distinguish\$3 or discriminat\$3) near3 (sing or singing or sung) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:41 |
| S102 | 6 | (waveform) same (music\$2 or audio or acoustic or sound or ensemble or orchestra) same S101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:35 |
| S103 | 80 | (waveform) same (music\$2 or audio or acoustic or sound or ensemble or orchestra) and S101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:35 |

EAST Search History

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|----------|----|--|---|----|-----|------------------|
| S10 4 | 68 | (Recognition) near3 (sing or singing or sung) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/03 11:41 |
| S10 5 | 11 | singing near3 music with instrument near3 music | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/02 11:46 |
| S10 6 | 0 | determin\$3 near5 music near5 type with waveform near5 analy\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 11:47 |
| S10 7 | 0 | determin\$3 near5 type with waveform near5 analy\$4 with (music\$2 or audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 11:48 |
| S10 8 | 3 | determin\$3 near5 type with waveform with (music\$2 or audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 11:52 |
| S10 9 | 64 | classif\$7 with waveform with (music\$2 or audio) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 11:52 |
| S11 0 | 26 | S109 and (human or singing or vocal or voice or song) with (classif\$7 or type or caterogy or group) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/25 08:53 |
| S11 1 | 2 | "5148484".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 12:00 |

EAST Search History

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|----------|-------|--|---|----|-----|------------------|
| S11 2 | 15 | (music\$2 or audio or video or song) with (classif\$7 or type or caterogy or group) with waveform near4 analy\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 13:54 |
| S11 3 | 176 | (music\$2 or audio or video or song) same (classif\$7 or type or caterogy) same waveform near4 analy\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 14:01 |
| S11 4 | 57511 | "84"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/02 13:55 |
| S11 5 | 13 | S113 and S114 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/02 13:55 |
| S11 6 | 17 | (music\$2 or audio or video or song) same (classif\$7 or caterogy) with (waveform or FFT) near4 analy\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 14:41 |
| S11 7 | 1599 | 84/609,615.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/02 14:46 |
| S11 8 | 5880 | (84/600,616,623;707/104.1,245, 246,255,231,247,243,233,251,257, 250;379/67).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/24 16:28 |
| S11 9 | 357 | (S117 or S118) and (music\$2 or audio or video or song or sound) same (classif\$7 or caterogy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 14:46 |

EAST Search History

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| S12 0 | 5109 | 707/104.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/02 14:46 |
| S12 1 | 165 | S120 and (music\$2 or audio or video or song or sound) same (classif\$7 or caterogy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 16:29 |
| S12 2 | 126 | (S119 or S121) and (waveform or FFT or Fourier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/02 14:47 |
| S12 3 | 6380 | (84/600,616,623;707/104.1,245, 246,255,231,247,243,233,251,257, 250;379/67).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/25 09:18 |
| S12 4 | 1635 | 84/609,615.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/10/24 16:28 |
| S12 5 | 12 | (S123 or S124) and (music\$2 or audio or video or song or sound) same (classif\$7 or caterogy) with hierarch\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 16:38 |
| S12 6 | 260 | (music\$2 or audio or video or song or sound) same (classif\$7 or caterogy) with hierarch\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 16:36 |
| S12 7 | 0 | (music\$2 or audio or video or song or sound) same (classif\$7 with caterogy) with (label\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 16:36 |

EAST Search History

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| S12 8 | 0 | (music\$2 or audio or video or song or sound) same (classif\$7 with caterogy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 16:37 |
| S12 9 | 0 | (music\$2 or audio or video or song or sound) same (classif\$7 same caterogy) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 16:37 |
| S13 0 | 0 | (music\$2 or audio or video or song or sound) same classif\$7 same category same (label\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 16:37 |
| S13 1 | 71 | (music\$2 or audio or video or song or sound) same classif\$7 same category same (label\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 17:01 |
| S13 2 | 26 | (music\$2 or audio or video or song or sound) same classif\$7 with category with label\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 16:38 |
| S13 3 | 25 | (S123 or S124) and (music\$2 or audio or video or song or sound) same (classif\$7 or category) with hierarch\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 16:39 |
| S13 4 | 4 | (S123 or S124) and (music\$2 or audio or video or song or sound) same (classif\$7 with category) with hierarch\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/24 16:39 |
| S13 5 | 3 | (music\$2 or audio or video or song or sound) same classif\$7 with hierarch\$4 same category same (label\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/25 12:22 |